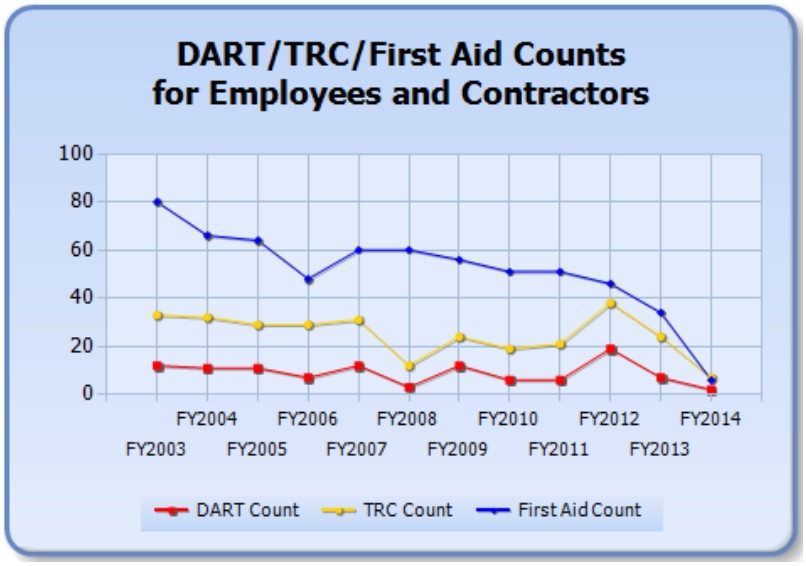
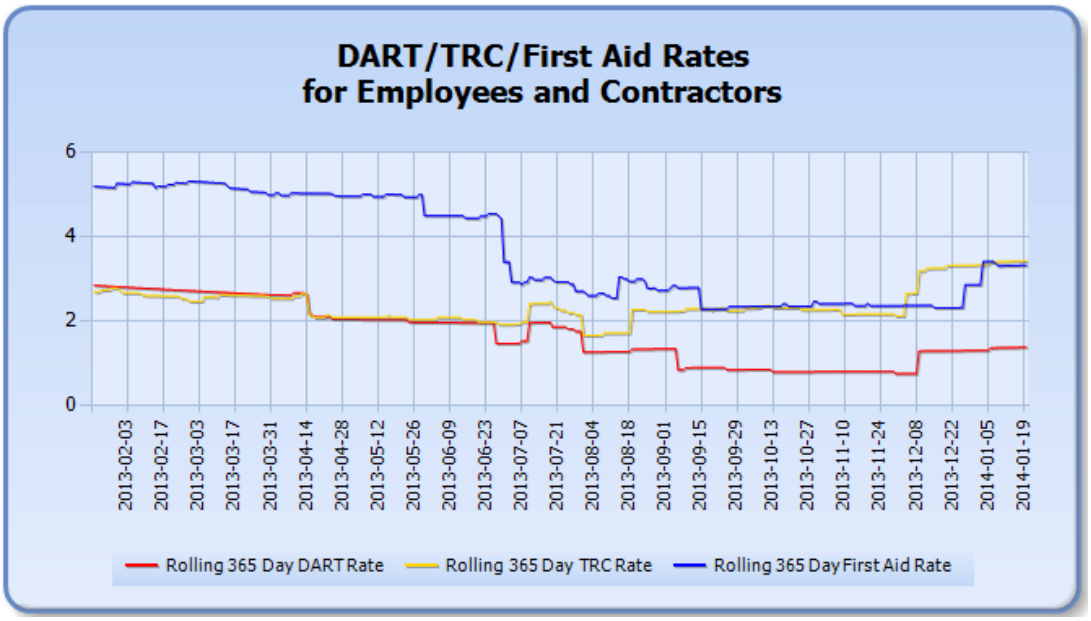
Weekly Lab Status Meeting – January 21, 2014

Fiscal Year Summary by injury type

	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014
DART	12	11	11	7	12	3	12	6	6	19	7	2
TRC	34	32	30	29	32	12	25	20	21	38	26	7
First Aid	82	67	66	48	60	62	58	52	51	46	35	6





Injuries:
None
Claim Pending:
None
Vehicle Accidents:
None
ORPS/Incidents/Notices of Violations:

- On January 13, 2014, Fermilab exceeded the NPDES-permitted chlorine limit at Outfall 002, Kress Creek. Aroutine sample of water analyzed for total residual chlorine measured 0.09 mg/l. The permit limit for total chlorine at this outfall is 0.05 mg/l. Subsequent calibration of the analytical equipment and additional testing confirmed that the total chlorine level exceeded the permit limit. Fermilab notified the permit authority (Illinois Environmental Protection Agency) within the required 24 hours on January 14. The presumed source of the chlorine is a bleach (sodium hypochlorite) injection system that meters a dilute solution of bleach into the intake of the Industrial Cooling Water (ICW) system to control the growth of zebra mussels. The control parameter for that system is free chlorine, and recent experience indicates that the amount of bleach solution the system has required to maintain an effective level of free chlorine has increased over the last month. Investigation of the injection system showed no problems, which suggests that the chlorine injected into the reservoir combined chemically, adding to the level of total chlorine in the reservoir (and from there to the outfall), but did not increase free chlorine into the ICW system. Fermilab has taken the following actions so far:
    1. Shut down the bleach feed into the ICW system;
    2. Contact divers to inspect the integrity of the piping and delivery systems in the reservoir;
    3. Order a series of chemical analyses to understand the chemical basis of the issue.

Employee TRC & DART Details for Current Fiscal Year

Organization	TRC Cases	TRC Rate	TRC 3-Year Average	TRC KPI	DART Cases	DART Rate	DART 3-Year Average	DART KPI
AD	1	0.89	2.39	↓	0	0.00	0.57	↓
APC	0	0.00	0.00	→	0	0.00	0.00	→
BS	2	5.57	1.92	↑	1	2.79	0.55	↑
CCD	0	0.00	0.29	↓	0	0.00	0.00	→
CD	0	0.00	0.12	↓	0	0.00	0.12	↓
CMS	0	0.00	0.00	→	0	0.00	0.00	→
DI	1	7.64	2.38	↑	0	0.00	0.00	→
ES	0	0.00	0.89	↓	0	0.00	0.89	↓
FCPA	0	0.00	0.00	→	0	0.00	0.00	→
FE	1	3.50	3.85	↓	0	0.00	2.26	↓
FI	0	0.00	1.18	↓	0	0.00	0.00	→
LBNE	0	0.00	0.00	→	0	0.00	0.00	→
PD	0	0.00	0.65	↓	0	0.00	0.39	↓
SCD	0	0.00	0.25	↓	0	0.00	0.25	↓
TD	0	0.00	1.66	↓	0	0.00	0.49	↓
WR	0	0.00	1.32	↓	0	0.00	0.00	→
Fermilab	5	0.94	1.41	↓	1	0.19	0.48	↓

Fermilab

U.S. DEPARTMENT OF ENERGY

Required ESH Training and ITNA Status for Employees

Org	Completed Courses	Required Courses	Percent Completed	Employees	Current ITNAs	ITNAs < 1 Year Old	Missing ITNAs	ITNAs > 3 Years Old
AD	9219	9287	99.3%	430	419	97.4%	0	0
APC	603	606	99.5%	47	47	100.0%	0	0
BS	2437	2459	99.1%	148	148	100.0%	0	0
CCD	1440	1446	99.6%	97	97	100.0%	0	0
CD	428	432	99.1%	37	35	94.6%	0	0
CMS	188	190	98.9%	18	18	100.0%	0	0
DI	654	657	99.5%	58	56	96.6%	0	0
ES	983	988	99.5%	42	41	97.6%	0	0
FCPA	117	117	100.0%	9	9	100.0%	0	0
FE	2775	2790	99.5%	116	116	100.0%	0	0
FI	447	447	100.0%	34	33	97.1%	0	0
LBNE	103	105	98.1%	7	7	100.0%	0	0
PD	6497	6556	99.1%	407	395	97.1%	1	0
SCD	1894	1913	99.0%	162	152	93.8%	1	0
TD	4284	4320	99.2%	216	214	99.1%	0	0
WR	1219	1221	99.8%	102	99	97.1%	1	0
Fermilab	33288	33534	99.3%	1930	1886	97.7%	3	0

> 95% 90-95% < 90%

Missing ITNAs and ITNAs > 3 Years Old = Red
Missing ITNAs for New Employees = Yellow